

Date: Mon, 8 Nov 93 04:30:13 PST
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
Errors-To: Ham-Ant-Errors@UCSD.Edu
Reply-To: Ham-Ant@UCSD.Edu
Precedence: Bulk
Subject: Ham-Ant Digest V93 #104
To: Ham-Ant

Ham-Ant Digest Mon, 8 Nov 93 Volume 93 : Issue 104

Today's Topics:

2m 5/8 wave to tall for garage
Archery Advice for Antenna Raising (2 msgs)
Diamond X-500 Problem
IsoPole Antennas (2 msgs)
Radio Shack Discone
stubby HT antenna
Want antenna outdoors

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>

Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 7 Nov 93 19:24:14 GMT
From: mnemosyne.cs.du.edu!nyx10!bdavidso@uunet.uu.net
Subject: 2m 5/8 wave to tall for garage
To: ham-ant@ucsd.edu

In article <2b6570\$rr0@avdms8.msfc.nasa.gov> butler@geosim.msfc.nasa.gov
Karen A Butler) writes:

>I am currently using a Larsen mag-mount 2 meter 5/8
>antenna (which works great) but is too tall to fit
>into my new garage. I have a mazda 323 2-door hatch-back
>with a plastic bumper so cannot mount an antenna there.
>I have tried a thru-the-window type 1/4 wave and was
>very unhappy with the results. Any suggestions on
>a good replacement antenna would be appreciated.
>Thanks in advance.
>

>73 de ad4jl

>--

>

>-----
>Karen A. Butler, New Technology Inc.

>-----

SUGGESTION: Make a Jpole - no ground ref needed, and clamp it to the bumper like it was a "CB" antenna.

Date: Fri, 05 Nov 1993 23:17:06 -0500

From: sdd.hp.com!think.com!spdcc!merk!harvee.billerica.ma.us!esj@network.ucsd.edu

Subject: Archery Advice for Antenna Raising

To: ham-ant@ucsd.edu

In <1993Nov3.030919.4621@mulvey.com>, rich@mulvey.com writes:

> Then again, it can be a ROYAL pain to get your hands on a slingshot
>these days. I had to call almost 2-dozen camping/toy/etc stores here in
>Rochester, NY a few months ago before I found one. The clerks told me
>that very few stores sell them now because of insurance liability.

in this state is is illegal to sell slingshots/wrist rockets but you can get the sling (stretchy) part over the counter. just make sure you may the fork strong enough. BTW, #2 yellow pencils are just the right size to hold the ends of the sling.

--- eric

--

HOME: esj@harvee.billerica.ma.us HAM ka1eec

WORK: 617.630.4687 (w) esj@ruby.polaroid.com

source of the public's fear of the unknown since 1956

Date: Thu, 04 Nov 93 22:10:12 PST

From: dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!

cyber2.cyberstore.ca!nntp.cs.ubc.ca!mala.bc.ca!oneb!ham!emd@network.ucsd.edu

Subject: Archery Advice for Antenna Raising

To: ham-ant@ucsd.edu

brucec@tekgen.bv.tek.com (Bruce Cheney) writes:

>

> I am about to put some rope through the trees using an arrow
> with fish line attached to it. Anyone have any advice about

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> bows, arrows, archery for this purpose, attaching fish line,  
> paying the fish line out, etc ?  
>  
> If you do, I would appreciate hearing about it !!  
>  
> Bruce Cheney  
> NI7M  
> QTH: Sherwood, OR
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I use an 80 pound pull crossbow. I tape 20 lb nylon line to a practise bolt (arrow) and attache the rest of it to a spool of line on an old fishing rod equipped with a spin casting reel. I get a helper to hold the rod, and fire the bolt over the tree. Then I let the bolt down on the opposite side of the tree and pull up a poly line after it. I find a ring at the end of the line works better than a pulley. The stranded poly rope is a real pain in the @#s to use because it keeps twisting as it passes throught the fork in the tree.

GL, and 73.

Bob.

Robert Smits
VE7EMD
Ladysmith B.C.
e-mail: emd@ham.almanac.bc.ca

There is **no** idiotproof filter.
Idiots are proof against anything!
- Richard Chycoski, VE7CVS

Date: Fri, 5 Nov 1993 00:26:05 GMT
From: dog.ee.lbl.gov!agate!spool.mu.edu!sdd.hp.com!saimiri.primite.wisc.edu!
aplcn.apl.jhu.edu!wb3ffv!briar!hart@network.ucsd.edu
Subject: Diamond X-500 Problem
To: ham-ant@ucsd.edu

I have a similar problem with a Diamond X-500. The two-meter swr is fine but the 70cm swr went through the roof. This would make more sense to me if the symtoms were reversed. Has anyone solved this kind of problem. Any info would be appreciated. Thanks!

— —

Signed by:

$$\begin{array}{ccccccc} \overline{1} \overline{2} \overline{3} & & & & \overline{1} \overline{2} & & \overline{1} \overline{2} \overline{3} \overline{4} \\ / & & / & & / & & / \end{array}$$

Date: Sat, 6 Nov 1993 17:54:47 GMT
From: news.service.uci.edu!paris.ics.uci.edu!csulb.edu!library.ucla.edu!
europa.eng.gtefsd.com!howland.reston.ans.net!gatech!news-feed-1.peachnet.edu!nscf!
lakes!jcox@network.ucsd.edu
Subject: IsoPole Antennas
To: ham-ant@ucsd.edu

Greg, I'm using a HyGain V2S here and have been extremely happy with it. It is comparable to the IsoPole in gain, but is a much more robust antenna mechanically. It is "complete" - that is, you don't use a piece of mast to "build" the antenna, which may mean a bit more height in your installation. I have heard (but cannot personally confirm) that the cones on an IsoPole develop cracks over time. I do know that I'm happy with the V2S, which is now superceded by the V2R with an even more sturdy central coil.

John, WD4PKZ

Date: 7 Nov 93 20:39:10 GMT
From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu
Subject: IsoPole Antennas
To: ham-ant@ucsd.edu

In article <931105.53428.GREGL@delphi.com> Greg Law <GREGL@delphi.com> writes:
>I'm shopping around for antennas and looking for opinions from the
>friendly, neighborhood antenna gurus. :-)

The Isopole is better than the Ringo (a dummy load may outperform a Ringo on a rainy day), but there are better antennas available. Both Comet and Diamond make better base antennas, and you can make a J-pole out of copper pipe for much less than the cost of an Isopole, and it'll perform about as well. I use the Comet 2X4 Max at my home station and I'm well pleased with it.

Gary

--
Gary Coffman KE4ZV |"If 10% is good enough | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | for Jesus, it's good | uunet!rsiatl!ke4zv!gary
534 Shannon Way | enough for Uncle Sam."| emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | -Ray Stevens |

Date: 5 Nov 93 02:24:37 GMT
From: amd!amdahl!JUTS!arl00@decwrl.dec.com
Subject: Radio Shack Discone
To: ham-ant@ucsd.edu

In article <gregCFz6AG.D4C@netcom.com> greg@netcom.com (Greg Bullough) writes:
>Any experiences with the Radio Shack discone VHF/UHF antenna as a
>transmitting antenna? It seems to me like it would be a good
>antenna to have up, both to hit the local repeaters and PBBSSs,
>for use with the scanner, and to have handy in event of an emergency
>which required communications on frequencies outside the ham bands.

I considered the Rat Shack unit, but opted for a Sigma Euro 1300 discone instead. It was more expensive (\$90), but is all stainless steel and includes a vertical element, which I'm convinced helps transmit performance, and has a low loss "N" connector as well. I ran 50 feet of 9913 between it and my Kenwood 742A. SWR on 2m and 70cm hangs in at around 1.3 and climbs to 1.7 on 220 Mhz. The manufacturer claims the antenna is rated for 200 watts max and SWR less than 2 from 10 meters to 23cm. I had

My antenna is mounted at about 35 feet above ground. I can easily hit repeater repeaters 35 miles away at 45 watts on 2m with full quieting. If your local ham store doesn't carry them, Radioware (1-800-950-WARE) does and offers a 30 day money back guarantee. I am not affiliated with Radioware, just a satisfied customer.

P.S. I bought a discone because I wanted to share the antenna with my Pro 2006 scanner. Works great on the scanner also, but I have to switch the antenna out of the circuit if I want to listen to FM broadcast on the 2006...even with the scanners attenuator turned on the signal strength of the commercial FM stations overloads the front end of the 2006 when the antenna is in line.

I'll probably switch to a Diamond tri-bander or something similar when funds permit, but until then, the Euro will do just fine by me.

Date: Fri, 5 Nov 1993 18:27:48 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!uwm.edu!
linac!att!cbnewsm!hellman@network.ucsd.edu
Subject: stubby HT antenna
To: ham-ant@ucsd.edu

>
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> >
>

> Our local "guru" says that the best accessory for a 2M HT with a rubber
> attenuator is a 9000 foot mountain.

>

> =====

I've done just fine with a 4000 ft mtn, thank you. I agree
it's not how big your antenna is, it's how high!
Shel WA2UBK dara@physics.att.com

Date: Sat, 6 Nov 1993 02:37:36 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
vixen.cso.uiuc.edu!newsrelay.iastate.edu!news.iastate.edu!bwehr@network.ucsd.edu
Subject: Want antenna outdoors
To: ham-ant@ucsd.edu

Go a small problem. I am a student at Iowa State and the housing office does
not allow any antenna outdoors. I want something outside and covering 2/440.
Right now I am running a 2m 3 element beam hanging on the wall. If anyone has
any home built ideas let me know..

-Brant

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Brant Wehr N0UTT	---	
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internet bwehr@iastate.edu	C	
	A	
Activities Director CARC	R	
	C	
Electrical Engineering	---	

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Brant
bwehr@iastate.edu

End of Ham-Ant Digest V93 #104

